

Law Office of David L. McEwing, Patent Attorney

PO Box 231324 Houston, Texas 77023

Telephone FAX

(713) 514-0137 (713) 514-9840 www.HoustonPatentLaw.com dmcewing@houston.rr.com

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Washington, D.C. 20231, Mailing Label No. ET523636981US on December 2, 2002.

David McEwing

December 2, 2002

Assistant Commissioner of Patents United Sates Patent & Trademark Office Box Patent Applications Washington, D.C. 20231

Re: Application No.

09/781,667

Confirmation No. 9481

Filing Date:

02/11/2001

Group Art

2862

Docket No. EMT-14

Logging Tool for Measurement of Resistivity Through Casing Using

Metallic Transparencies and Magnetic Lensing

Dear Sir or Madam:

Title

I have enclosed the applicant's Response to Office Action. On separate pages, I have included the marked up text of amendments to the specification and claims. Note that the Response contains a petition for extension of time. I have also enclosed my check in the amount of \$460.00 in payment of the cost of this extension. Based upon today's conversations with the Examiner, it is anticipated further amendment may be required to the specification and claims as they pertain to the Applicant's use of the term "partial saturation."

I have also enclosed a stamped self-addressed post card for the confirmation of receipt of the pages. Your continued cooperation and courtesy in this matter is appreciated.

Sincerely,

David McEwing

Registration No. 37,026

Encls.:

cc:

David Evans, EM-Tech LLC



O E	PE CONTROL OF A PART OF A	→ <u>[+]</u>	U.S. Patent and Tradem	PTO/SB/21 (08-00) red for use through 10/31/2002. OMB 0651-0031 ark Office: U.S. DEPARTMENT OF COMMERCE					
1			Application Number	-09/781,667					
	TRANSMITT	TAL	Filing Date	February 11, 2001					
i	FORM		First Named Inventor	February 11, 2001					
	(to be used for all correspondence after	er initial filing)	Group Art Unit	2862					
			Examiner Name	Toan Le					
•	Total Number of Pages in This Subm	nission	Attorney Docket Number						
	ENCLOSURES (check all that apply)								
	X Fee Transmittal Form	Attached Drawii / Reply Licens Final Petitic avits/declaration(s) Provis Time Request Provis andonment Request Request Disclosure Statement CD, I		After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below):					
, J	Information Disclosure Statement Certified Copy of Priority	CD, N	umber of CD(s)						

Response to Missing Parts/ Incomplete Application

Firm

Individual name

Signature

Response to Missing Parts under 37 CFR 1.52 or 1.53

David McEwing

Date

December 2, 2002

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Date

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Under the Paperwork Reduction Act of 1995, no persons are requin	ed to r	espond t	U.S. F	atent a	Approved for use through 10/31/2002. On Trademark Office: U.S. DEPARTMENT OF	COMMERCE
FEE TRANSMITTAL for FY 2003	Application Number Filing Date		Numbe	Complete if Known er 09/781,667 02/11/2001	OF THE	
Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 460.00		First Named Inventor Examiner Name Art Unit Attorney Docket No.		ame	Toan Le 2862	CEX.ES
METHOD OF PAYMENT (check all that apply) Check Credit card Money Other None		FEE CALCULATION (continued) 3. ADDITIONAL FEES Large Entity , Small Entity				
Deposit Account: Deposit Account Number Deposit Account Account	Fee Cod 105 105	le (\$) 1 130	Fee Code 2051 2052	65	Fee Description Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet	Fee Pald
The Commissioner is authorized to: (check all that apply) Charge fee(s) Indicated below Charge any additional fee(s) during the pendency of this application	180	2 2,520 4 920°	1804	2,520 920*	Non-English specification For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the fifing fee to the above-identified deposit account. FEE CALCULATION	180	5 1,840° 1 110	1805 2251	•	Requesting publication of SIR after Examiner action Extension for reply within first month	

1252

1253

1401 320

1402 320

1403

1452 110

1502

1503 620

1460

1807

8021

1806 180

1809 740

1810 740

1801 740

1802 900

1254 1,440

1255 1,960

1451 1,510

1453 1.280

1501 1,280

460

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Fee Pald

Fee Paid

1. BASIC FILING FEE

arge Entity Small Entity

Fee Fee Code (\$)

2001 370

2002 165

2003 255

2004 370

2005 80

Small Entity

Fee Fee

Code (\$)

2202

2204 42

2205

2201 42

2203 140

9

SUBTOTAL (2)

Fee Description

Utility filing fee

Plant filing fee

Design filing fee

Reissue filing fee

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims

Provisional filing fee

Fee Description

Claims in excess of 20

over original natent

Independent claims in excess of 3

* Reissue independent claims

** Reissue claims in excess of 20

(\$)

and over original patent

Multiple dependent claim, if not paid

Fee from

below

Fee Fee Code (\$)

1001 740

1002 330

1003 510

1004 740

1005 160

Total Claims

Independent

Large Entity

Code (\$)

Fee Fee

1202

1201 84

1203 280

1204

1205 18

Multiple Dependent

18

400

920

280

2252 200

2253 460

2254 720

2255 980

2401 160

2402 160

2403 140

1451 1.510

2453 640

55

640

230

310

130

50

180

40

900

2452

2501

2502

2503

1460

1807

1806

8021

2809

2810 370

2801

1802

Extension for reply within second month

Extension for reply within third month

Extension for reply within fourth month Extension for reply within fifth month

Filing a brief in support of an appeal

Petition to revive - unavoidable

Petition to revive - unintentional

Petitions to the Commissioner

Processing fee under 37 CFR 1.17(q)

Recording each patent assignment per

property (times number of properties)

Filing a submission after final rejection

For each additional invention to be

Request for expedited examination

370 Request for Continued Examination (RCE)

examined (37 CFR 1.129(b))

of a design application

Submission of Information Disclosure Stmt

Utility issue fee (or reissue)

Petition to institute a public use proceeding

Notice of Appeal

Design issue fee

Plant issue fee

(37 ČFR 1,129(a))

Request for oral hearing

460

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) 460.00 (\$) **or number previously paid, if greater; For Reissues, see above (Complete (if applicable) SUBMITTED BY Registration No. Telephone (713) 514-0137 David McEwing 35.026 Name (Print/Type) (Attorney/Agent) 12/02/2002 Signature

Other fee (specify)

WARNING: Information on this form may become public. Credit card information should not

be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

